



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Zauderer *et al.*

Appl. No.: 09/818,991

Filed: March 28, 2001

For: **Methods of Directly Selecting
Cells Expressing Inserts of
Interest**

Confirmation No.: 9763

Art Unit: 1639

Examiner: Ponnaluri, P.

Atty. Docket: 1821.0050004/EKS/HCC/T-M

Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of documents are provided.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to a non-English language document cited on Form PTO 1449:

Document **AL1**, German Patent Publication No. DE 19950385 A1, is in the German language. An English language abstract of WO/0044894 is provided as document **AR19** and is believed to be equivalent to document **AL1**.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter: U.S. Patent Application No. 08/935,377, to Zauderer, M., filed September 22, 1997, now published as U.S. Patent Publication No. 2003/0133917 A1, and submitted herewith as document **AB2**; U.S. Patent Application No. 10/277,161, to Zauderer, M. *et al.*, filed March 28, 2001, now published as U.S. Patent Publication No. 2003/0194696 A1, and submitted herewith as document **AC2**; and U.S. Patent Application No. 10/901,415, to Zauderer, M., filed July 29, 2004, and submitted herewith as document **AS16**.

In accordance with the recent Federal Circuit decision in *Dayco Prods., Inc. v. Total Containment, Inc.* 329 F.3d 1358 (Fed. Cir. 2003), Applicants submit herewith Office Actions from:

the related co-pending U.S. Patent Application No. 08/935,377 as Documents **AT19** to **AS21**;

the related issued Patent No. 6,706,477 as Document **AT21**; and

the related issued Patent No. 6,800,442 as Document **AR22**.

The identification of these U.S. Patent Applications and Office Actions are not to be construed as a waiver of secrecy as to these applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114.. No statement or fee is required.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent

and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

for  Reg # 55,472
Helene C. Carlson
Agent for Applicants
Registration No. 47,473

Date: October 18, 2001
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Washington, D.C. 20005-3934
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FORM PTO-1449

 ATTY. DOCKET NO.
 1821.0050004/EKS/HCC
 FIRST NAMED INVENTOR
 Zauderer *et al.*

 APPLICATION NO.
 09/818,991

INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	4,690,915	09/01/1987	Rosenberg			08/08/1985
	AB1	5,166,057	11/24/1992	Palese <i>et al.</i>			05/22/1990
	AC1	5,494,807	02/27/1996	Paoletti <i>et al.</i>			08/12/1993
	AD1	5,530,096	06/25/1996	Wölfel <i>et al.</i>			02/28/1994
	AE1	5,578,473	11/26/1996	Palese <i>et al.</i>			03/10/1994
	AF1	5,712,115	01/27/1998	Hawkins <i>et al.</i>			03/19/1996
	AG1	5,804,382	09/08/1998	Sytkowski <i>et al.</i>			05/10/1996
	AH1	5,843,648	12/01/1998	Robbins <i>et al.</i>			01/10/1995
	AI1	5,866,383	02/02/1999	Moss <i>et al.</i>			08/26/1992
	AJ1	5,874,560	02/23/1999	Kawakami <i>et al.</i>			04/22/1994
	AK1	6,706,477	03/16/2004	Zauderer			04/02/2001

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	DE 19950385 A1	08/03/2000	Germany			Yes <input checked="" type="checkbox"/> No
	AM1	WO 95/33835 A1	12/14/1995	WIPO			Yes No
	AN1	WO 97/24438 A1	07/10/1997	WIPO			Yes No
	AO1	WO 97/26328 A1	07/24/1997	WIPO			Yes No
	AP1	WO 97/34143 A1	09/18/1997	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>1</u>	Aota, S-i., <i>et al.</i> , "Nucleotide sequence and molecular evolution of mouse retrovirus-like IAP elements," <i>Gene</i> 56:1-12, Elsevier Science Publishers B.V. (1987)
	AS	<u>1</u>	Bennink, J.R., and Yewdell, J.W., "Recombinant Vaccinia Viruses as Vectors for Studying T Lymphocyte Specificity and Function," <i>Curr. Top. Microbiol. Immunol.</i> 163:153-184, Springer-Verlag (1990)
	AT	<u>1</u>	Boël, P., <i>et al.</i> , "BAGE: a New Gene Encoding an Antigen Recognized on Human Melanomas by Cytolytic T Lymphocytes," <i>Immunity</i> 2:167-175, Cell Press (1995)

EXAMINER

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	AA2	6,800,442	10/05/2004	Zauderer			01/03/2002
	AB2	2003/0133917 A1	07/17/2003	Zauderer			09/22/1997
	AC2	2003/0194696 A1	10/16/2003	Zauderer <i>et al.</i>			10/22/2002
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FOREIGN PATENT DOCUMENTS

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	AL2	WO 99/30151 A1	06/17/1999	WIPO			Yes No
	AM2	WO 99/47643 A1	09/23/1999	WIPO			Yes No
	AN2	WO 99/55910 A1	11/04/1999	WIPO			Yes No
	AO2	WO 00/28016 A1	05/18/2000	WIPO			Yes No
	AP2	WO 01/72995 A2 WO 01/72995 A3	10/04/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Brichard, V., <i>et al.</i> , "The Tyrosinase Gene Codes for an Antigen Recognized by Autologous Cytolytic T Lymphocytes on HLA-A2 Melanomas," <i>J. Exp. Med.</i> 178:489-495, Rockefeller University Press (1993)
	AS	2	de Bergeyck, V., <i>et al.</i> , "An intracisternal A-particle sequence codes for an antigen recognized by syngeneic cytolytic T lymphocytes on a mouse spontaneous leukemia," <i>Eur. J. Immunol.</i> 24:2203-2212, VCH Verlagsgesellschaft mbH (1994)
	AT	2	Huang, A.Y.C., <i>et al.</i> , "Role of Bone Marrow-Derived Cells in Presenting MHC Class I-Restricted Tumor Antigens," <i>Science</i> 264:961-965, American Association for the Advancement of Science (1994)

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	AL3	WO 02/053576	07/11/2002	WIPO			Yes No
	AM3	WO 2004/037993	05/06/2004	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

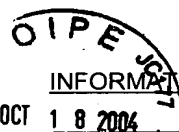
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Inaba, K., <i>et al.</i> , "Dendritic Cell Progenitors Phagocytose Particulates, Including Bacillus Calmette-Guerin Organisms, and Sensitize Mice to Mycobacterial Antigens In Vivo," <i>J. Exp. Med.</i> 178:479-488, Rockefeller University Press (1993)
	AS	<u>3</u>	Inaba, K., <i>et al.</i> , "Generation of Large Numbers of Dendritic Cells from Mouse Bone Marrow Cultures Supplemented with Granulocyte/Macrophage Colony-stimulating Factor," <i>J. Exp. Med.</i> 176:1693-1702, Rockefeller University Press (1992)
	AT	<u>3</u>	Janeway, Jr., C.A., and Travers, P., "The generation of T-cell ligands," and "The two classes of MHC molecule have distinct subunit structure but a similar three-dimensional structure," in <i>Immunobiology. The Immune System in Health and Disease</i> , Robertson, M. <i>et al.</i> , eds., Current Biology, Ltd./Garland Publishing, Inc., pp.4:2-4:5 (1994)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>4</u>	Kawakami, Y., <i>et al.</i> , "Cloning of the gene coding for a shared human melanoma antigen recognized by autologous T cells infiltrating into tumor," <i>Proc. Natl. Acad. Sci. USA</i> 91:3515-3519, National Academy of Sciences (1994)
	AS	<u>4</u>	Kitts, P.A., <i>et al.</i> , "Linearization of baculovirus DNA enhances the recovery of recombinant virus expression vectors," <i>Nucleic Acids Res.</i> 18:5667-5672, IRL Press (1990)
	AT	<u>4</u>	Kitts, P.A., and Possee, R.D., "A Method for Producing Recombinant Baculovirus Expression Vectors at High Frequency," <i>Biotechniques</i> 14:810-812, 814, and 816-817, Eaton Publishing Company (1993)

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	AR	<u>5</u>	Kuff, E.L., and Lueders, K.K., "The Intracisternal A-Particle Gene Family: Structure and Functional Aspects," <i>Adv. Cancer Res.</i> 51:183-276, Academic Press, Inc. (1988)
	AS	<u>5</u>	LaFace, D.M., <i>et al.</i> , "Human CD8 Transgene Regulation of HLA Recognition by Murine T Cells," <i>J. Exp. Med.</i> 182:1315-1325, Rockefeller University Press (1995)
	AT	<u>5</u>	Liang, P., and Pardee, A.B., "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction," <i>Science</i> 257:967-971, American Association for the Advancement of Science (1992)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>6</u>	Lisitsyn, N., <i>et al.</i> , "Cloning the Differences Between Two Complex Genomes," <i>Science</i> 259:946-951, American Association for the Advancement of Science (1993)
AS	<u>6</u>	Mackett, M., <i>et al.</i> , "Vaccinia virus: A selectable eukaryotic cloning and expression vector," <i>Proc. Natl. Acad. Sci. USA</i> 79:7415-7419, National Academy of Sciences (1982)
AT	<u>6</u>	Mackett M., <i>et al.</i> , "General Method for Production and Selection of Infectious Vaccinia Virus Recombinants Expressing Foreign Genes," <i>J. Virol.</i> 49:857-864, American Society for Microbiology (1984)

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>1</u>	Merchlinsky, M., and Moss, B., "Introduction of Foreign DNA into the Vaccinia Virus Genome by <i>in Vitro</i> Ligation: Recombination-Independent Selectable Cloning Vectors," <i>Virology</i> 190:522-526, Academic Press, Inc. (1992)
	AS	<u>1</u>	Merchlinsky, M., <i>et al.</i> , "Construction and Characterization of Vaccinia Direct Ligation Vectors," <i>Virology</i> 238:444-451, Academic Press, Inc. (1997)
	AT	<u>1</u>	Meyer H., <i>et al.</i> , "Mapping of deletions in the genome of the highly attenuated vaccinia virus MVA and their influence on virulence," <i>J. Gen. Virol.</i> 72:1031-1038, Society for General Microbiology (1991)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>8</u>	Miyake, S., <i>et al.</i> , "Efficient generation of recombinant adenoviruses using adenovirus DNA-terminal protein complex and a cosmid bearing the full-length virus genome," <i>Proc. Natl. Acad. Sci. USA</i> 93:1320-1324, National Academy of Sciences (1996)
	AS	<u>8</u>	Moss, B., "Vaccinia Virus: A Tool for Research and Vaccine Development," <i>Science</i> 252:1662-1667, American Association for the Advancement of Science (1991)
	AT	<u>8</u>	Palese, P., <i>et al.</i> , "Negative-strand RNA viruses: Genetic engineering and applications," <i>Proc. Natl. Acad. Sci. USA</i> 93:11354-11358, National Academy of Sciences (1996)

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	AR	<u>9</u>	Panicali, D., and Paoletti, E., "Construction of poxviruses as cloning vectors: Insertion of the thymidine kinase gene from herpes simplex virus into the DNA of infectious vaccinia virus," <i>Proc. Natl. Acad. Sci. USA</i> 79:4927-4931, National Academy of Sciences (1982)
	AS	<u>9</u>	Pfleiderer, M., <i>et al.</i> , "A novel vaccinia virus expression system allowing construction of recombinants without the need for selection markers, plasmids and bacterial hosts," <i>J. Gen. Virol.</i> 76:2957-2962, Society for General Microbiology (1995)
	AT	<u>9</u>	Quill, H., "Anergy as a Mechanism of Peripheral T Cell Tolerance," <i>J. Immunol.</i> 156:1325-1327, American Association of Immunologists (1996)

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	AR	<u>10</u>	Ralph, D., <i>et al.</i> , "RNA fingerprinting using arbitrarily primed PCR identifies differently regulated RNAs in milk lung (My1Lu) cells growth arrested by transforming growth factor β 1," <i>Proc. Natl. Acad. Sci. USA</i> 90:10710-10714, National Academy of Sciences (1993)
	AS	<u>10</u>	Sahasrabudhe, D.M., <i>et al.</i> , "Shared T Cell-Defined Antigens on Independently Derived Tumors," <i>J. Immunol.</i> 151:6302-6310, American Association of Immunologists (1993)
	AT	<u>10</u>	Sambrook, J., <i>et al.</i> , "Identification of cDNA clones of interest," in <i>Molecular Cloning. A Laboratory Manual</i> , 2 nd ed., Sambrook, J., <i>et al.</i> , eds., Cold Spring Harbor Laboratory Press, Plainview, NY, pp.8.46-8.52 (1989)

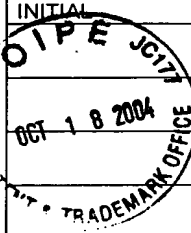
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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AR	<u>11</u>	Scheiflinger, F., <i>et al.</i> , "Construction of chimeric vaccinia viruses by molecular cloning and packaging," <i>Proc. Natl. Acad. Sci. USA</i> 89:9977-9981, National Academy of Sciences (1992)
AS	<u>11</u>	Shirai, M., <i>et al.</i> , "CTL Responses of HLA-A2.1-Transgenic Mice Specific for Hepatitis C Viral Peptides Predict Epitopes for CTL of Humans Carrying HLA-A2.1," <i>J. Immunol.</i> 154:2733-2742, American Association of Immunologists (1995)
AT	<u>11</u>	Sidney, J., <i>et al.</i> , "Practical, biochemical and evolutionary implications of the discovery of HLA class I supermotifs," <i>Immunol. Today</i> 17:261-266, Elsevier Science, Ltd.(1996)

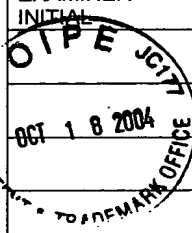
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Zauderer *et al.*FILING DATE
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FOREIGN PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>12</u>	Takahashi, H., <i>et al.</i> , "Induction of CD8 ⁺ cytotoxic T cells by immunization with purified HIV-1 envelope protein in ISCOMs," <i>Nature</i> 344:873-875, Macmillan Journals Ltd. (1990)
	AS	<u>12</u>	Torigoe, T., <i>et al.</i> , "Tumor Rejection Antigens on BALB3T3 Cells Transformed by Activated Oncogenes," <i>J. Immunol.</i> 147:3251-3258, American Association of Immunologists (1991)
	AT	<u>12</u>	van der Bruggen, P., <i>et al.</i> , "A Gene Encoding an Antigen Recognized by Cytolytic T Lymphocytes on a Human Melanoma," <i>Science</i> 254:1643-1647, American Association for the Advancement of Science (1991)

EXAMINER

DATE CONSIDERED

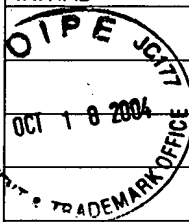
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>13</u>	Van den Eynde, B., <i>et al.</i> "A New Family of Genes Coding for an Antigen Recognized by Autologous Cytolytic T Lymphocytes on a Human Melanoma," <i>J. Exp. Med.</i> 182:689-698, Rockefeller University Press (1995)
AS	<u>13</u>	Vitiello, A., <i>et al.</i> , "Analysis of the HLA-restricted Influenza-specific Cytotoxic T Lymphocyte Response in Transgenic Mice Carrying a Chimeric Human-Mouse Class I Major Histocompatibility Complex," <i>J. Exp. Med.</i> 173:1007-1015, Rockefeller University Press (1991)
AT	<u>13</u>	Wang, R-F., <i>et al.</i> , "Development of a Retrovirus-based Complementary DNA Expression System for the Cloning of Tumor Antigens," <i>Cancer Res.</i> 58:3519-3525, American Association of Cancer Research (1998)

EXAMINER

DATE CONSIDERED

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>14</u>	Welsh, J., <i>et al.</i> , "Arbitrarily primed PCR fingerprinting of RNA," <i>Nucleic Acids Res.</i> 20:4965-4970, Oxford University Press (1992)
	AS	<u>14</u>	Wentworth, P.A., <i>et al.</i> , "Differences and similarities in the A2.1-restricted cytotoxic T cell repertoire in humans and human leukocyte antigen-transgenic mice," <i>Eur. J. Immunol.</i> 26:97-101, VCH Verlagsgesellschaft mbH (1996)
	AT	<u>14</u>	Wilson, S.H., and Kuff, E.L., "A Novel DNA Polymerase Activity Found in Association with Intracisternal A-Type Particles," <i>Proc. Natl. Acad. Sci. USA</i> 69:1531-1536, National Academy of Sciences (1972)

EXAMINER

DATE CONSIDERED

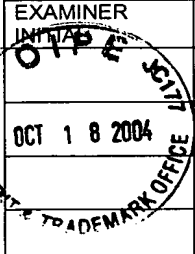
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>15</u>	Wölfel, T., <i>et al.</i> , "Immunogenic (tum ⁻) variants obtained by mutagenesis of mouse mastocytoma P815," <i>Immunogenetics</i> 26:178-187, Springer-Verlag (1987)
	AS	<u>15</u>	Clontech Catalog 1998/1999, "CLONTECH PCR-Select Subtraction," p.24 (Clontech Laboratories, Inc., Palo Alto, CA) (1998)
	AT	<u>15</u>	Smith, E.S., <i>et al.</i> , "Lethality-based selection of recombinant genes in mammalian cells: Application to identifying tumor antigens," <i>Nat. Med.</i> 7:967-972, Nature America Inc. (August 2001)

EXAMINER

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	Traversari, C., <i>et al.</i> , "Transfection and expression of a gene coding for a human melanoma antigen recognized by autologous cytolytic T lymphocytes," <i>Immunogenetics</i> 35:145-152, Springer-Verlag (1992)
	AS	<u>16</u>	Pending Non-Provisional United States Patent Application No. 10/901,415, Zauderer, M., filed July 29, 2004 (NOT PUBLISHED)
	AT	<u>16</u>	Buller, R.M.L., <i>et al.</i> , "Deletion of the Vaccinia Virus Growth Factor Gene Reduces Virus Virulence," <i>J. Virol.</i> 62: 866-874, American Society for Microbiology (1988)

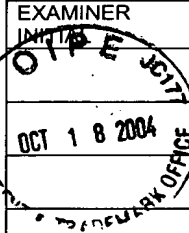
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>17</u>	Greenhalf, W., <i>et al.</i> , "A Selection System for Human Apoptosis Inhibitors Using Yeast," <i>Yeast</i> 15: 1307-1321, John Wiley & Sons, Ltd. (September 1999)
	AS	<u>17</u>	Moss, B., <i>et al.</i> , "Deletion of a 9,000-Base-Pair Segment of the Vaccinia Genome that Encodes Nonessential Polypeptides," <i>J. Virol.</i> 40: 387-395, American Society for Microbiology (1981)
	AT	<u>17</u>	Panicali, D., <i>et al.</i> , "Two Major DNA Variants Present in Serially Propagated Stocks of the WR Strain of Vaccinia Virus," <i>J. Virol.</i> 37: 1000-1010, American Society for Microbiology (1981)


EXAMINER

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>18</u>	Smith, <i>et al.</i> , "Identification and Characterization of a Shared Murine Tumor Antigen," transcript of Ph.D. Thesis Seminar, September 18, 1998.
	AS	<u>18</u>	Smith, E.S., "Identification and Characterization of a Shared Murine Tumor Antigen," Ph.D. Thesis, University of Rochester, June 30, 1999.
	AT	<u>18</u>	Vidović, D., and Toral, J.I., "Selective Apoptosis of Neoplastic Cells by the HLA-DR-Specific Monoclonal Antibody," <i>Cancer Lett.</i> 128: 127-135, Elsevier Science Ireland Ltd. (1998)

EXAMINER

DATE CONSIDERED

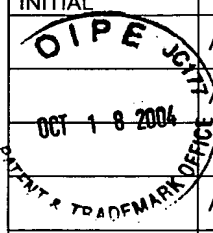
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	AP						Yes No

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	AR	<u>19</u>	Database esp@cenet, English language Abstract of WO 00/44894, available online at http://v3/espacenet.com/textdoc?DB=EPODOC&IDX=WO0044894&F=8&QPN=WO0044894
	AS	<u>19</u>	Faber, L.M., <i>et al.</i> , "Generation of CD4+ cytotoxic T-lymphocyte clones from a patient with severe graft-versus-host disease after allogeneic bone marrow transplantation: implications for graft-versus-leukemia reactivity," <i>Blood</i> 86:2821-2828, American Society of Hematology (1995) (PubMed Abstract Only)
	AT	<u>19</u>	Copy of Office Action for United States Patent Application No. 08/935,377, Zauderer, M., filed September 22, 1997, mailed on July 18, 2000

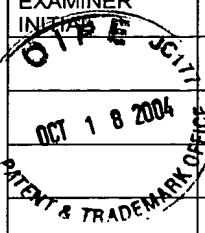
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	AR	<u>20</u>	Copy of Office Action for United States Patent Application No. 08/935,377, Zauderer, M., filed September 22, 1997, mailed on December 27, 2000
	AS	<u>20</u>	Copy of Advisory Action for United States Patent Application No. 08/935,377, Zauderer, M., filed September 22, 1997, mailed on April 25, 2001
	AT	<u>20</u>	Copy of Office Action for United States Patent Application No. 08/935,377, Zauderer, M., filed September 22, 1997, mailed on June 04, 2002

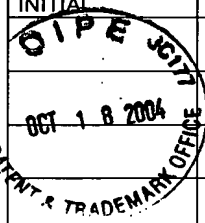
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	AS	<u>21</u>	Copy of Office Action for United States Patent Application No. 08/935,377, Zauderer, M., filed September 22, 1997, mailed on June 02, 2003
	AT	<u>21</u>	Copy of Office Action for United States Patent Application No. 09/822,250, Zauderer, M., filed April 02, 2001, mailed on May 06, 2003

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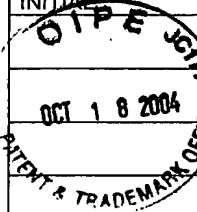
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